

Hsi-Chun Chao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

203
citations

1040056

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h-index

1058476

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all docs

15
docs citations

15
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipophagy prevents activityâ€dependent neurodegeneration due to dihydroceramide accumulation <i>in vivo</i>. EMBO Reports, 2017, 18, 1150-1165.	4.5	34
2	Sensitive screening of abused drugs in dried blood samples using ultra-high-performance liquid chromatography-ion booster-quadrupole time-of-flight mass spectrometry. Journal of Chromatography A, 2017, 1491, 57-66.	3.7	29
3	Using precursor ion scan of 184 with liquid chromatography-electrospray ionization-tandem mass spectrometry for concentration normalization in cellular lipidomic studies. Analytica Chimica Acta, 2017, 971, 68-77.	5.4	24
4	Sphingolipidomics Investigation of the Temporal Dynamics after Ischemic Brain Injury. Journal of Proteome Research, 2019, 18, 3470-3478.	3.7	20
5	Using water plug-assisted analyte focusing by micelle collapse in combination with microemulsion electrokinetic chromatography for analyzing phthalate esters. Journal of Chromatography A, 2016, 1445, 149-157.	3.7	16
6	Differentiation and Quantification of Diastereomeric Pairs of Glycosphingolipids Using Gas-Phase Ion Chemistry. Analytical Chemistry, 2020, 92, 13387-13395.	6.5	14
7	In-Depth Structural Characterization and Quantification of Cerebrosides and Glycosphingosines with Gas-Phase Ion Chemistry. Analytical Chemistry, 2021, 93, 7332-7340.	6.5	14
8	Plasma ceramides are associated with outcomes in acute ischemic stroke patients. Journal of the Formosan Medical Association, 2022, 121, 43-50.	1.7	14
9	Using the PCI-IS Method to Simultaneously Estimate Blood Volume and Quantify Nonvitamin K Antagonist Oral Anticoagulant Concentrations in Dried Blood Spots. Analytical Chemistry, 2020, 92, 2511-2518.	6.5	11
10	Manipulation of Ion Types via Gas-Phase Ion/Ion Chemistry for the Structural Characterization of the Glycan Moiety on Gangliosides. Analytical Chemistry, 2021, 93, 15752-15760.	6.5	8
11	Adaptation and operation of a quadrupole/time-of-flight tandem mass spectrometer for high mass ion/ion reaction studies. International Journal of Mass Spectrometry, 2022, 478, 116874.	1.5	7
12	Rapid quantification of glutaminase 2 (GLS2)-related metabolites by HILIC-MS/MS. Analytical Biochemistry, 2017, 539, 39-44.	2.4	4
13	Post-column infused internal standard assisted lipidomics profiling strategy and its application on phosphatidylcholine research. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112956.	2.8	4
14	Generation of Multiply Charged Protein Anions from Multiply Charged Protein Cations via Gas-Phase Ion/Ion Reactions. Journal of the American Society for Mass Spectrometry, 2020, 31, 1509-1517.	2.8	2
15	Characterization of Homopolymer Distributions via Direct Infusion ESI-MS/MS using Wide Mass-to-Charge Windows and Gas-Phase Ion/Ion Reactions. Journal of the American Society for Mass Spectrometry, 2022, 33, 704-713.	2.8	2